

What is claimed is:

1. A key-free mouse, comprising a top cover and a bottom
cover connected to each other to define an internal
5 space for receiving a circuit board therein;

10 said top and said bottom covers being provided in
an inner side preferably at front and rear ends of
a longitudinal centerline thereof with two locking
pins and two locking slots, respectively, so that
a longitudinal pivot axis A-A' is defined between
a front set and a rear set of said locking pin and
said locking slot that engage with each other to
connect said top cover to said bottom cover, and said
15 top cover being adapted to pivotally turn about said
pivot axis A-A' by a predetermined degree relative
to said bottom cover; and

20 said top cover being provided in an inner surface
at positions corresponding to a left and a right
switches provided on said circuit board with a left
and a right strip having a predetermined length, such
that when said top cover is pivotally turned about
said pivot axis A-A' and becomes laterally inclined,
25 either said left or said right strip is brought to
press against an elastic key provided on each of said
left and said right switches to make said mouse.

2. The key-free mouse as claimed in claim 1, wherein
said left and said right strips respectively have
an elastic element of a predetermined elasticity
connected thereto for providing a supporting
5 elasticity needed for said top cover to recover from
a pivotally turned and laterally inclined position.

3. The key-free mouse as claimed in claim 1, wherein
said locking slot provided at the front end of said
10 bottom cover has an elastic element of a
predetermined elasticity provided therein to locate
below said locking pin at the front end of said top
cover for providing a supporting elasticity to said
front locking pin when said top cover is pivotally
15 turned.

4. The key-free mouse as claimed in claim 2, wherein
said elastic elements are springs.

5. The key-free mouse as claimed in claim 3, wherein
said elastic element is a spring.

6. The key-free mouse as claimed in claim 1, wherein
said bottom cover includes a left and a right side
25 wall that respectively have a middle section with
an increased height.

7. The key-free mouse as claimed in claim 1, wherein
said locking slot provided at the front end of said
bottom cover is provided at a top with a guiding bevel,
via which said locking pin provided at the front end
5 of said top cover easily slips into said front
locking slot under a minor pressure.

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